

Vox 8610



WELCOME

Thank you for choosing the CDM-8610, our new model, developed by top researchers to support the CDMA2000 1X system through Qualcomm-manufactured MSM6050 chips and CDMA technologies. This product allows for a GUI animation menu.

Among its many advanced features, the T9 input mode makes it much easier to enter letters, with proven technologies including:

- Full graphic display of 9 text input lines and 1 icon line with variable font size.
- Easy to enter letters through the T9 text input mode.
- GUI & Animation display compliant with CDMA2000 1X.
- Full graphic main display - 65K color.
- Navigation key and 25 keys aligned for more convenience.
- Advanced 2-way speakerphone.
- Text messaging and call waiting.

IMPORTANT INFORMATION

This CDM-8610 user guide contains very important information about how to handle and use the product. So please read this manual thoroughly, pay attention to the warranty on the back page and be alert to the exclusions and limitations of your warranty, which are related with the unauthorized use of components.

TABLE OF CONTENTS

CHAPTER 1. BEFORE USING YOUR PHONE	5
INSIDE THE PACKAGE	6
HANDSET DESCRIPTION	7
THE FUNCTION KEYS	8
DISPLAY INDICATORS	9
BATTERY USAGE	10
BATTERY INSTALLATION	10
BATTERY REMOVAL	10
BATTERY CHARGING	11
POWER CONNECTION	11
BATTERY TALK TIMES	11
BATTERY STANDBY TIMES	11
BATTERY HANDLING INFORMATION	12
DOs	12
DON'Ts	12

CHAPTER 2. BASIC OPERATION	13
TURNING THE PHONE ON / OFF	14
TURNING THE PHONE ON	14
TURNING THE PHONE OFF	14
YOUR VIRGIN MOBILE ACCOUNT	14
ACCESSING THE MAIN MENU	15
MENU SUMMARY	16
BASIC FUNCTIONS	19
MAKING A CALL	19
SPEAKERPHONE	20
PAUSE FEATURE	20
ANSWERING A CALL	21
CALLER ID FUNCTION	21
CALL WAITING FUNCTION	21
ADJUSTING VOLUME	22
SILENCER MODE	22
LOCK	22
DURING A CALL	23
MUTE(UNMUTE)	23
MESSAGING	23
MY PHONE #	23
MAKING AN EMERGENCY CALL	24
911 IN LOCK MODE	24
911 USING ANY AVAILABLE SYSTEM	24

CHAPTER 3. MEMORY FUNCTION	25
STORING A PHONE NUMBER	26
ENTERING LETTERS, NUMBERS & SYMBOLS	27
STANDARD INPUT MODE	28
T9 INPUT MODE	29
NUMERIC MODE	30
SYMBOL MODE	30
MAKING A CALL THROUGH THE PHONE BOOK	31
SPEED DIALING	31

TABLE OF CONTENTS

CHAPTER 4. MENU FUNCTION	33
VIRGIN MOBILE ACCOUNT	34
CHECKING YOUR ACCOUNT BALANCE	34
TOP-UP YOUR ACCOUNT	34
VIRGIN ALERTS	35
TO VIEW A STORED VIRGIN ALERT	35
RECENT CALLS	36
ALL CALLS	36
MISSED CALLS	37
INCOMING CALLS	38
OUTGOING CALLS	39
CONTACTS	40
FIND BY NAME	40
FIND BY NUMBER	41
ADD NEW	42
GROUP	42
ADD NEW GROUP	42
CHANGE GROUP NAME	43
ERASE GROUP	43
SPEED DIAL	44
MSG.GROUP	44
ADD NEW MSG. GROUP	44
CHANGE MSG. GROUP NAME	45
SEND TEXT GROUP	45
ERASE GROUP	45
MY PHONE #	46
TOOLS	47
ALARM	47
SCHEDULER	49
ADD EVENT	49
VIEW EVENT LIST	50
CALCULATOR	51
STOPWATCH	52
WORLD CLOCK	52
SETTINGS	53
SOUNDS	53
RINGTONES	53
MESSAGES	53
VOICEMAIL	54
VOLUME	54
TONE LENGTH	56
SILENCER MODE	56
DISPLAY	57
MENU STYLE	57
GRAPHICS	57
SUB SCREEN	58
GREETING MESSAGE	58
CONTRAST	59
BACKLIGHT	59
CALL OPTIONS	60
CALL ANSWER	60
ACTIVE FLIP	60
AUTO ANSWER	61
AUTO RETRY	61
LOCATION	62

TABLE OF CONTENTS

SECURITY	63
PHONE LOCK	63
RESTRICT	63
CHANGE CODE	65
SPECIAL NUMBERS	65
ERASE ALL	66
RESET TO DEFAULT SETTINGS	66
PHONE INFO	67
S/W VERSION	67
H/W VERSION	67

CHAPTER 5. GAMES

GAMES	70
BLACKJACK	70
ORGANIZATION OF THE MENU	70
DIRECTION OF ACTION	71
MAGIC HEXA	72
DIRECTION	72
CHARACTERS	72
OBSTRUCTION BLOCK	72

CHAPTER 6. VOICEMAIL AND TEXT MESSAGING

WHEN A NEW MESSAGE ARRIVES	74
VOICEMAIL	74
SEND TEXT MSG	75
INBOX	76
ERASE	76
FORWARD	76
SAVE TO CONTACT	77
SAVE	77
VIRGIN ALERTS	78
VIRGIN ALERTS	78
OUTBOX	79
CHECKING SENT TEXT MESSAGES	79
ERASE	79
SEND TO	79
SAVE TO CONTACT	80
SAVE	80
SAVED	81
SAVED	81
ERASE MSGS	82
ERASE MESSAGES	82
MSG SETTINGS	83
MSG SOUNDS	83
AUTO TEXT	83
SAVE TO OUTBOX	84
AUTO ERASE	84
INBOX	84
OUTBOX	84

TABLE OF CONTENT

CHAPTER 7. VIRGINXTRAS	85
START VIRGINXTRAS.....	86
START VIRGINXTRAS	86
VIRGINXTRAS	87
ACCESSING VIRGINXTRAS	87
CHAPTER 8. SAFETY AND WARRANTY	89
SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES	90
EXPOSURE TO RADIO FREQUENCY SIGNALS	90
ANTENNA CARE	90
DRIVING SAFETY	91
ELECTRONIC DEVICES	92
PACEMAKERS	92
OTHER MEDICAL DEVICES	92
POSTED FACILITIES	92
OTHER SAFETY GUIDELINES	93
AIRCRAFT	93
BLASTING AREAS	93
POTENTIALLY EXPLOSIVE ATMOSPHERES	93
PRECAUTIONS	94
SAFETY INFORMATION FOR FCC RF EXPOSURE	95
CAUTIONS	95
BODY-WORN OPERATION	95
SAR INFORMATION	96
FDA CONSUMER UPDATE	98
PROTECT YOUR WARRANTY	102
12-MONTH LIMITED WARRANTY	103

Chapter 1

BEFORE USING YOUR PHONE

This chapter provides important information about using the CDM-8610 including:

- INSIDE THE PACKAGE
- HANDSET DESCRIPTION
- BATTERY USAGE
- BATTERY HANDLING INFORMATION

INSIDE THE PACKAGE

This package should include all items pictured below. If any are missing or different, immediately contact the retailer where you purchased the phone.



Handset



AC Charger



Standard Battery



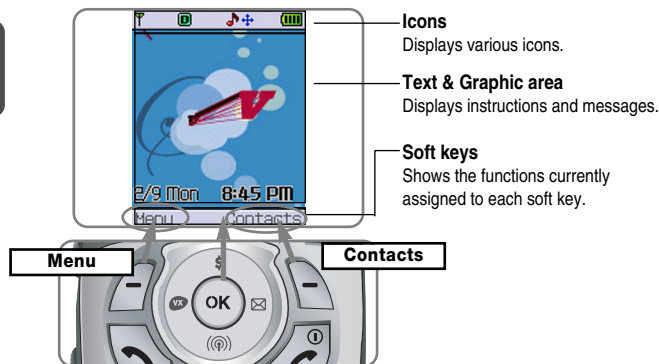
User Manual

HANDSET DESCRIPTION

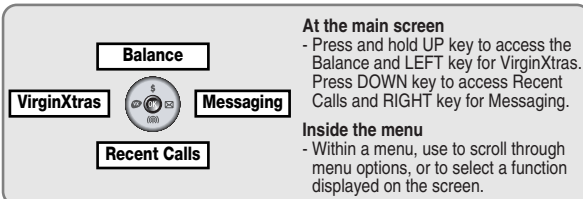
This phone is a tri mode CDMA2000 1X digital phone. The CDM-8610 weighs 3.89 oz. and the dimensions are 1.82" x 3.56" x 0.92".



HANDSET DESCRIPTION



THE FUNCTION KEYS



Press to make or receive a call.



Press to turn the phone on, to end a call or to return to the initial page. Press and hold to turn the phone off.



(Left Soft Key) Press to access the Main Menu or the functions displayed at the bottom of your screen.



(Right Soft Key) Press to access the Main Menu or the functions displayed at the bottom of your screen.



Press to clear a digit from the display, to return to the previous page, or to enable speakerphone mode.



Press and hold to enter silencer mode.



Press and hold to enter lock mode.

HANDSET DESCRIPTION



With the phone closed, press and hold this button to change the look of the External LCD clock.

DISPLAY INDICATORS



Signal Strength - Current signal strength - the more lines, the stronger the signal.



Service Indicator

Indicates call is in progress, indicates the phone cannot receive a signal from the network at the moment.



Message

New text message.



Digital mode - Phone is operating in digital mode or 1x service area.



Battery - Battery charging level - the more blocks, the stronger the charge.



Mute

Phone is mute during a call.



Ringtone Off - Appears when Ringtone Off is selected as the ring mode.



Emergency Call

Blinks when an emergency call is in progress.



Voicemail

New Voicemail.



Vibrate On & Silencer Mode - Phone will not emit sounds. Phone will vibrate when an incoming call is received.



Schedule

Appears when either an event or an alarm is set.



Ring Mode - Appears when a ringtone has been selected and ringtone mode is ON.



High & Vibrator Mode Icon - Appears when High & Vibrator Mode is selected as the ring mode.



Speakerphone Icon

Phone is in speakerphone mode.



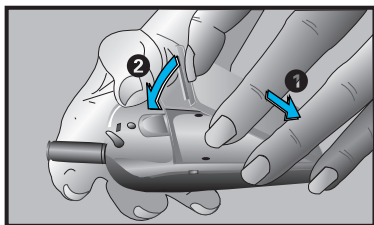
GPS Icon

Indicates the Location Service of your phone is disabled/enabled.

BATTERY USAGE

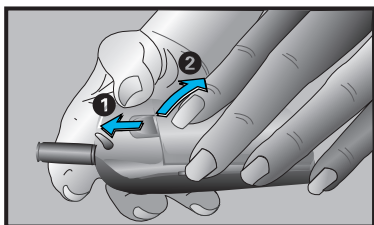
BATTERY INSTALLATION

- 1 Place the battery on the back of the handset and slide into place. 2 Push the battery down until it locks into place.



BATTERY REMOVAL

- 1 Pull down the release latch, lift up the battery and 2 remove the battery from the handset.



NOTE

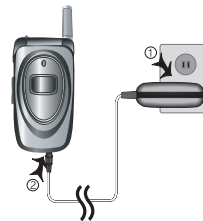
If the battery is not correctly placed in the compartment, the handset will not turn on and/or the battery may detach during use.

BATTERY USAGE

BATTERY CHARGING

POWER CONNECTION

- 1 Plug the AC charger into a standard outlet.



NOTE

- Fully charge the battery before using – it is not charged when purchased.
- The battery will charge more quickly with the phone turned off.

BATTERY TALK TIMES

The operating time is subject to your handset usage and configuration.

Battery	PCS
STD 970 mAh	200m
EXT 1700 mAh	350m

BATTERY STANDBY TIMES

The operating time is subject to your handset usage and configuration.

Battery	CDMA
STD 970 mAh	140hour
EXT 1700 mAh	240hour

NOTE

These times are for a new battery. Talking and Standby times decrease over the battery's lifetime.

BATTERY HANDLING INFORMATION

DOs

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local laws.

DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't accidentally short circuit the battery by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens. This may critically damage the battery.
- Don't leave the battery in hot or cold temps. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery in a fire.

Chapter 2


BASIC OPERATION

This chapter addresses and explains the basic features of your phone including

- TURNING THE PHONE ON / OFF
- ACCESSING THE MAIN MENU
- MENU SUMMARY
- BASIC FUNCTIONS
- DURING A CALL
- MAKING AN EMERGENCY CALL

TURNING THE PHONE ON / OFF

TURNING THE PHONE ON

- 1 Press and hold , until your “Power On” logo appears and the tone sounds.

- If “Password” appears on the display enter your 4-digit password to unlock your phone. (see pg. 63 for more information on locking your phone.)
- The default password is the last 4 digits of your phone number.

TURNING THE PHONE OFF


- 1 Press and hold , until “Power Off” logo appears.

- **NOTE** Immediately change or recharge the battery when “Low Battery Warning Power Off” appears on the display. Memory may possibly be damaged if the phone turns off due to the battery completely draining.
- Turn the phone off before removing or replacing the battery. If the phone is on, unsaved data may be lost.

YOUR VIRGIN MOBILE ACCOUNT

You can manage your Virgin Mobile account from your phone. The basic tasks are summarized below. For more information about your account, visit www.virginmobileusa.com.

CHECKING YOUR VIRGIN MOBILE ACCOUNT BALANCE

You can check the amount of money remaining in your Virgin Mobile account. From the main screen, press and hold . Or, select Menu --> Balance.

TOP-UP YOUR ACCOUNT

Top-Up is how you add money to your Virgin Mobile account. It's like filling up your gas tank before you hit the road. You can Top-Up your account right over your phone, but you'll need to register a credit card with Virgin Mobile first. Or, use a Top-Up card from one of the thousands of stores that carry them. To Top-Up, select Menu --> Top-Up and select the appropriate options.





FOR MORE INFORMATION

For more information about your Virgin Mobile account, Top-Up, Virgin Mobile Service, and Accessory Purchases, visit www.virginmobileusa.com or contact Virgin Mobile at (888) 322-1122. For more information about the technical aspects of your phone, visit www.audiovox.com.

ACCESSING THE MAIN MENU

Your phone can be customized via the menu. Each function can be accessed by scrolling with the Navigation Key or by pressing the number that corresponds with the menu item.



- 1 To access the menu in idle mode, press  [MENU].
- 2 Press the Navigation Key to scroll through the menu.
- 3 To return to the previous page, press  [CLR]. To exit the current menu and return to the idle mode, press .
- 4 Press  [OK] to enter a function when its main page is displayed.

NOTE Hotkeys

At the main screen, press and hold the Navigation Key as follows to access these functions:

- UP Key: Balance
- DOWN Key: Recent Call Logs
- RIGHT Key: Messaging
- LEFT Key: VirginXtras

MENU SUMMARY

Level 1	Level 2	Level 3	Level 4
1. <i>BALANCE</i> 			
2. <i>TOP-UP</i> 			
3. <i>MESSAGING</i> 	1. Send Text Msg 2. Inbox 3. Virgin Alerts 4. Outbox 5. Voicemail 6. Saved 7. Erase Msgs 8. Msg Settings	1. Inbox 2. Outbox 3. Saved 1. MSG Sounds 2. Auto Text 3. Save to Outbox 4. Auto Erase	1. Old Inbox 2. Entire Inbox 1. Inbox 2. Outbox
4. <i>VIRGINXTRAS</i> 	1. Ringtones 2. *MTV 3. Havana Nights 4. Daily Dose 5. Voice Greetings 6. Vh1 2 go 7. Music		
5. <i>GAMES</i> 	1. BlackJack 2. Magic Hexa		
6. <i>RECENT CALLS</i> 	1. All Calls 2. Missed Calls 3. Incoming Calls 4. Outgoing Calls		
7. <i>CONTACTS</i> 	1. Find by Name 2. Find by Number 3. Add New 4. Group 5. Speed Dial 6. MSG Group 7. My Phone #		

MENU SUMMARY

Level 1	Level 2	Level 3	Level 4
8. <i>TOOLS</i> 	1. Alarm 2. Scheduler 3. Calculator 4. Stopwatch 5. World Clock		1. Item 1 2. Item 2 3. Item 3
9. <i>SETTINGS</i> 	1. Sounds 2. Display 3. Call Options 4. Security	1. Add Plan 2. View Event List 1. Ringtones 2. Messages 3. Voicemail 4. Volume 5. Tone Length 6. Silencer Mode 1. Menu Style 2. Graphics 3. Sub Screen 4. Greeting Message 5. Contrast 6. Backlight 1. Call Answer 2. Active Flip 3. Auto Answer 4. Auto Retry 5. Location 1. Phone Lock 2. Restrict	1. Ringtones 2. Key Tone 3. Voice Call 4: Speakerphone 1. Screen Saver 2. Wallpaper Main LCD Sub LCD LCD Key pad Dimming Retry time Repeat 1. Outgoing 2. Recent Calls 3. Contacts 4. Browser

MENU SUMMARY

Level 1	Level 2	Level 3	Level 4
	5. Phone Info	3. Change Code 4. Special #'s 5. Erase All 6. Reset to Default Settings 1. S/W Version 2. H/W Version	1. Special #1 2. Special #2 3. Special #3

BASIC FUNCTIONS

MAKING A CALL

1 Enter a phone number using the keypad.



To modify the phone number you have entered :

- To erase one digit at a time press .
- To erase the entire number, press and hold .

2 Press .

The indicator, , appears on the display.




- If "CALL FAILED" appears on the display or the line is busy, press or .
- If you activate the "AUTO RETRY" function, the phone will automatically retry for the number of times you have selected. (see page 61).
- If the number you're calling is stored in the phone book, the name and number will appear when the call is placed.

3 To end a call, press .

Please see page 26 for more details about storing a phone number.




BASIC FUNCTIONS

SPEAKERPHONE

- 1 To activate the speakerphone when the phone is in idle mode, answering mode, and calling mode press and hold .
- 2 The phone returns to normal (speakerphone off) after ending a call or when the phone is turned off and back on.

PAUSE FEATURE






You can dial or save a phone number with pauses for use in the automated systems where you need to enter a credit card number, a social security number, and so on.





- 1 To insert a pause, enter a phone number then press  [MENU]. Select either a Hard Pause ("P" appears) or a Timed Pause ("T" appears).
- 2 Press  to dial or  [SAVE] to store.

Please see page 26 for more details about storing a phone number.

BASIC FUNCTIONS

ANSWERING A CALL

- 1 To answer a call, press any key except , ,  or .
- 2 To end the call, press .

- See page 60 for more information on setting Any Key Answer or Send Key Answer.
- Press  [MENU]   . When you set the Active flip, you may answer a call simply by opening the phone.



In Auto Answer Mode, a call is automatically answered after a preset number of rings. See page 61 for more details.

CALLER ID FUNCTION



Identifies caller by displaying their phone number. If the caller's name and number are already stored in your phone book, they both will appear. This feature is system dependent. Please contact your service provider for details.



The caller ID is stored in the call history.

CALL WAITING FUNCTION

Notifies you of an incoming call when you are on the phone by sounding a beep and displaying the caller's phone number on the screen.

- 1 To answer another call while on the phone, press . This places the first call on hold. To switch back to the first caller, press  again.

BASIC FUNCTIONS

ADJUSTING VOLUME

Adjusts the volume of the ringtone, keypad tone and speaker.

- 1 Press [MENU] and select one of the following.

- Ringtones: Controls the ringtone volume.
- Key Tone: Controls the keypad tone.
- Voice Call: Controls earpiece volume.
- Speakerphone: Controls the speakerphone volume.

- 2 Adjust volume and press [OK] to save it.



Press the volume keys on the side of the phone to adjust volume of microphone during a call.

SILENCER MODE

Mutes your phone's ringtone and key tones. Activates the vibration mode to alert you of an incoming call or message.

- 1 To turn silencer mode on/off, press and hold .

LOCK

Locks your phone and prevents unauthorized use. Once locked, your phone can only be used after inputting the password.

- 1 To lock the phone, press and hold .

- 2 To unlock the phone, press then input the password.

- Lock feature will deactivate when the phone is powered off. Upon next power up, you will need to press to unlock phone again.



The default password is the last 4 digits of your phone number.

DURING A CALL

To display menu options during a call, press .

MUTE (UNMUTE)

Mutes any sounds from your side of the call.

- 1 Press [MENU] .

- To deactivate, press [MENU] .
- The phone will automatically un-mute in Emergency Call or Callback mode.

MESSAGING

Enables you to send a text message (SMS) during a call.

- 1 Press [MENU] .

MY PHONE

Enables you to see your phone number while on a call. Please see page 46 for more details.


- 1 Press [MENU] .

MAKING AN EMERGENCY CALL


This 911 feature puts your phone in the Emergency Call Mode when you dial the preprogrammed emergency number, 911. It also operates in the lock mode and out of the service area.

911 IN LOCK MODE

The 911 call service is available even in the lock mode.

- 1 Enter “911” and press .
- 2 The call connects.
- 3 The phone exits the Lock Mode for 5 minutes.
 - When the call ends, the phone returns to the Lock Mode.

911 USING ANY AVAILABLE SYSTEM

- 1 Enter “911” and press .
- 2 The call connects.
- 3 The phone maintains the Emergency Mode for 5 minutes.
 - When the call ends, the phone returns to the Lock Mode.
 - The phone continuously attempts to receive service from any available system. However, it can't make a call.



The 911 call is not recorded in the recent call list.

Chapter 3

MEMORY FUNCTION

This chapter addresses memory functions including:

- STORING A PHONE NUMBER
- ENTERING LETTERS, NUMBERS & SYMBOLS
- MAKING A CALL THROUGH THE PHONE BOOK

STORING A PHONE NUMBER

The phone book stores up to 300 entries.

- 1 Enter phone # and press [SAVE].
- 2 Choose “New Contact” or “Existing Contact”. Press [OK] to select.
- 3 The Phone # will appear above a list of icons. The name of the icon is displayed below the list. Use the Navigation key to choose the type of # you’re adding, as indicated by the icon. Press [OK] to select.
- 4 Enter a name and press [OK]. Follow instructions for entering text on page 27. To change the input mode, press [MODE].
- 5 Use the Navigation key to scroll through more options for the entry (group, other numbers, ringtone).

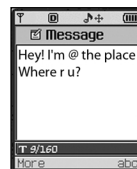
- Group – Personal, Business, Etc.
- Set Secret – Lock, Unlock.
- Ringtone – Select Ringtone Type.
- Msg. Ringtone – Select Msg. Ringtone Type.
- The other fields are set to Numeric mode as a default.

- 6 To store the entry, press [SAVE]. “New contact added” or “Contact edited” will be displayed.

ENTERING LETTERS, NUMBERS & SYMBOLS

The input mode will be automatically activated when necessary to enter letters and numbers. As shown below, there are 4 available modes ; Standard input mode (abc), T9 input mode (T9Word), Numeric mode (123), and Symbol mode (Symbols).

The input mode indicator appears on the lower right of the display when letters and numbers are entered. To select the desired input mode among the 4 modes below, press [MODE] and select the desired mode, then enter letters and numbers.



Input mode indicator

Abc: Abc mode
T9Word: T9 mode
123: Number mode
Symbols: Symbol mode

The following illustrates the function assigned to each key in the input mode.

KEY	FUNCTION
Mode	Press to change mode. [T9Word][Abc][123][Symbols]
Next	Press to view the next matching word if the highlighted word is not the word you intended.
Space	Press to accept a word and add a space.
Shift	Press to select a letter case, upper or lower, of the standard text input or T9 text input mode. [Abc], [ABC], and [abc] indicate the standard text input. [T9Word], [T9WORD], and [T9word] indicate the predictive text input.
Clear	Press to delete a character to the left of the cursor.
Save	Store the letters and numbers you enter.

ENTERING LETTERS, NUMBERS & SYMBOLS

STANDARD INPUT MODE

Use the digit keys to enter letters, numbers and characters.

1 Enter letters using the keypad as follows:

Keypad	1 Time	Repetitions 2 times	Repetitions 3 times	Repetitions 4 times	Repetitions 5 times
1	1	.	@	-	'
2ABC	A	B	C	2	A
3DEF	D	E	F	3	D
4GHI	G	H	I	4	G
:	:	:	:	:	:
9WXYZ	W	X	Y	Z	9

To change the input mode, press [MODE] and select the mode.

2 To enter a space, press [SPACE]. After two seconds, the cursor will automatically move to the next column.

3 Repeat until letters are entered. There is a 160 character limit.

4 To delete one digit, press [CLR/DEL]. To delete the entire entry, press and hold [CLR/DEL].

5 To change from lowercase to uppercase, press [SHIFT].

Select Abc mode, by pressing [MODE].

When you select this mode, the Abc icon appears as a visual confirmation.

- Find the key that corresponds to the letter you want to enter.
- Press it as many times as needed for the letter to appear on the screen.
- To enter the name "John":

Press [J] J
Press [6] [6] [6] o
Press [4] [4] h
Press [6] [6] n

ENTERING LETTERS, NUMBERS & SYMBOLS

T9 INPUT MODE

The T9 input mode incorporates a built-in-dictionary to determine a word based on the entered characters. A word can be entered more quickly by pressing a key once per character.

1 Press [MODE] then select the "T9Word".

2 Press a digit key once to enter the character you want and enter all the characters to input the word you want.

3 To view the next matching word, press [NEXT].

4 To accept matching word and enter a space, press [SPACE].



To enter a compound word.

- Enter the first part of the word and press [NEXT] to accept it.
- Enter the last part of the word and press [SPACE] to enter the word.



To enter "phone book" in the T9 input mode.

- Press [MODE] and select the "T9Word" mode to select the T9 input mode and [SPACE] to choose the small letter case (T9Word).

- Press [7] [4] [6] [6] [3] and you will see "phone" highlighted. Press [NEXT] to see the next matching word and [SPACE] to select it.

- Press [2] [6] [6] [5] and you will see "book" highlighted. Press [NEXT] to move to the next matching word and [SPACE] to select the compound word and enter a space.

ENTERING LETTERS, NUMBERS & SYMBOLS

NUMERIC MODE

Allows you to enter numbers.

- 1 Press [MODE] and select the "123 (Numeric mode)".
- 2 To enter a number, press a digit key.

SYMBOL MODE

Allows you to enter symbols.

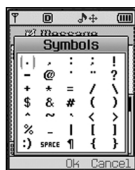
- 1 Press [MODE] and select the "Symbols (Symbol mode)".
- 2 Select symbol you want to enter with the Navigation key.

- Use the Navigation key to view a different line of symbols.

Press [],

or

Press [],



MAKING A CALL THROUGH THE PHONE BOOK

SPEED DIALING

Dials a number simply by pressing and holding the last digit of speed dial #. For a 2-digit location number, press the first number then press and hold the second number. To store a number in Speed Dial:

- 1 Press [MENU] [7] [5].
- 2 To assign a phone number to a location, select the location and press [ASSIGN].

- If a phone number is already assigned to the location, press [Erase] and the navigation key to delete.

- 3 The phone book list will be displayed alphabetically. Select a name and press [OK].
- 4 "Speed dial # X edited" will be displayed.



- "Unassigned" appears if the location pressed is available.
- A phone number that is set as secret will ask a password.
- A call can be made by pressing its entry number and [CALL].
- To call an assigned number, press & hold the last digit of the speed dial #.

Chapter 4

MENU FUNCTION

This chapter addresses accessing the menu and using its functions and features to customize your phone.




- VIRGIN MOBILE ACCOUNT
- VIRGIN ALERTS
- RECENT CALLS
- CONTACTS
- TOOLS
- SETTINGS

VIRGIN MOBILE ACCOUNT

You can manage your Virgin Mobile account from your phone. The basic tasks are summarized below. For more information about your Virgin Mobile account, visit www.virginmobileusa.com.

CHECKING YOUR ACCOUNT BALANCE

You can check the amount of money remaining in your Virgin Mobile account.




- 1 From the main screen, press navigation key  up and hold.
- 2 Press  [MENU]  "BALANCE".

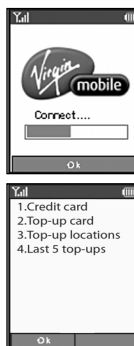


All Balance messages are saved to a Virgin Alerts folder. Capacity for saved messages is limited to 20 messages.

TOP-UP YOUR ACCOUNT

You can Top-Up your account over the air. To Top-Up your account over the air using your phone, you need a credit card registered with Virgin Mobile and service on your phone.

- 1 Press  [MENU]  "TOP-UP".
- 2 Press  to proceed.








VIRGIN ALERTS

These alerts appear on your screen when the phone is on. You may receive alerts from Virgin Mobile which include information about your account balance, service information, and other announcements. These alerts appear on your screen when the phone is on.

TO VIEW A STORED VIRGIN ALERT

The 20 most recent Virgin Alerts you have received are stored in the Virgin Alerts menu.

- 1 To view a stored message, press  [MENU]  .
- 2 Highlight the message and press .
- 3 To close the message, press  [OK].

RECENT CALLS

Access the recent call logs by pressing [MENU] .

ALL CALLS

Displays information about the 60 most recent numbers dialed, missed and received. Places a call to a selected number by simply pressing .

- 1 To see a list of the 60 most recent numbers, press [MENU] . If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view call details, press [OK].



- Call details include date, time, and phone number.
- When the phone # is stored in your contacts and the entry has been set as secret, the caller's name is not displayed.

- 3 Press [MORE] [ERASE] to delete the number or press [SAVE] to save it.

- Save: To store the phone number in your phone book.
- Erase: To erase highlighted entry or displayed entry.
- Prepend: You may want to add a country code in front of a number before you save it. E.g. add "1" before a long distance number. To do so, select Prepend.
- Send text: To send a message the phone number.
- Erase all: To erase recent calls list.



After 60 incoming, outgoing or missed calls, the oldest call will automatically be erased from the history.

RECENT CALLS

MISSED CALLS

Displays information of the 20 most recently missed calls. Place a call to a missed call number by simply pressing .

- 1 To see a list of the 20 most recently missed calls, press [MENU] . If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view missed call details, press [OK].



- Call details include date, time, and phone number.
- When the phone # is stored in your contacts and the entry has been set as secret, the caller's name is not displayed.

- 3 Press [MORE] [ERASE] to delete the number or press [SAVE] to save it.

- Save: To store the phone number in your phone book.
- Erase: To erase highlighted entry or displayed entry.
- Prepend: You may want to add a country code in front of a number before you save it. E.g. add "1" before a long distance number. To do so, select Prepend.
- Send text: To send a message the phone number.
- Erase all: To erase recent calls list.



After 20 missed calls, the oldest call will automatically be erased from the history.

RECENT CALLS

INCOMING CALLS

Displays information of the 20 most recently answered calls.
Place a call to a received number by simply pressing .

- 1 To see a list of the 20 most recently answered calls, press [MENU] . If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view incoming call details, press [OK].



- Call details include date, time, and phone number.
- When the phone # is stored in your contacts and the entry has been set as secret, the caller's name is not displayed.

- 3 Press [MORE] [ERASE] to delete the number or press [SAVE] to save it.

- Save: To store the phone number in your phone book.
- Erase: To erase highlighted entry or displayed entry.
- Prepend: You may want to add a country code in front of a number before you save it. E.g. add "1" before a long distance number. To do so, select Prepend.
- Send text: To send a message the phone number.
- Erase all: To erase recent calls list.



After 20 incoming calls, the oldest call will automatically be erased from the history.

RECENT CALLS

OUTGOING CALLS

Displays information of the 20 most recently dialed calls.
Place a call to a received number by simply pressing .

- 1 To see a list of the 20 most recently dialed calls, press [MENU] . If the number is already stored in your phone book, only the name appears. If the number is not stored, only the phone number appears.

- 2 To view outgoing call details, press [OK].



- Call details include date, time, and phone number.
- When the phone # is stored in your contacts and the entry has been set as secret, the caller's name is not displayed.

- 3 Press [MORE] [ERASE] to delete the number or press [SAVE] to save it.

- Save: To store the phone number in your phone book.
- Erase: To erase highlighted entry or displayed entry.
- Prepend: You may want to add a country code in front of a number before you save it. E.g. add "1" before a long distance number. To do so, select Prepend.
- Send text: To send a message the phone number.
- Erase all: To erase recent calls list.




After 20 outgoing calls, the oldest call will automatically be erased from the history.


CONTACTS

Stores up to 300 entries, each of which can be assigned to a group. Entries can be retrieved by name, phone number or group.

FIND BY NAME



Retrieves an entry by name, and calls the number by simply pressing .

1 Press  [MENU]  .

- When you even press  under standby state, you move to the same screen.

2 The list of names in your phone book is displayed alphabetically. Use Navigation key to select the name.

3 Enter a name or its character string or scroll through the list with the Navigation Key. Please see page 27 for instructions on entering letters, numbers and symbols.


4 Matching entry will be displayed. Highlight an entry. Press  [OK] to edit the entry. Press  [MORE] to 1. Send text, 2. Erase or 3. Prepend.

- If the entry is set to secret, you will be asked for your password.

5 To call the selected number, press .

CONTACTS

FIND BY NUMBER



Retrieves an entry by number, and calls the number by simply pressing .

1 Press  [MENU]  .

2 The list of phone numbers saved in your phone book will be displayed in numeric order.

3 Enter a part of the phone number or scroll through the list with the Navigation Key. The name associated with that number will be displayed at the bottom of the screen.

- The cursor will move to the phone number that matches the number you enter.

4 Matching entry will be displayed. Highlight an entry and press  [OK] to edit the entry. Press  [MORE] to select option 1. Erase or 2. Prepend.

5 To call the selected number, press .

CONTACTS

ADD NEW

Adds a new entry to the phone book. Please see page 26 for alternate way to add an entry to the phone book.

- 1 To add a new entry to the phone book, press [MENU] .
- 2 The first field highlighted is Name. Enter the name for the entry, then press [OK].
- 3 Press the Navigation Key down to enter all the other information (group, phone number, etc.).

PHONE BOOK FIELD :
Name/Mobile/Home/Office/Group/E-mail/Ringtone/
Msg.Ringtone/Set Secret.
- 4 When all information for the entry is entered, press [SAVE] to save the entry.

GROUP

Allows you to classify phone entries into groups. Existing groups include Personal, Business, Etc. and All.

ADD NEW GROUP

- 1 To add a new group, press [MENU] .
- 2 Press [MORE] then select "Add Group".
- 3 Input a new group name.
- 4 Press [OK] to save it.

CONTACTS

CHANGE GROUP NAME

- 1 Press [MENU] .
- 2 Press [MORE] then select "Rename".
- 3 Input a new group name.
- 4 Press [OK] to save it.

NOTE

The default group names (All, Personal, Business, Etc.) cannot be changed.

ERASE GROUP

- 1 Press [MENU] .
- 2 Press [ERASE] to delete it. "Erase this group?" will be displayed.
- 3 Press [OK] again to confirm it.

NOTE

The default group names (All, Personal, Business, Etc.) cannot be erased.

CONTACTS

SPEED DIAL

Calls can be placed to numbers stored in speed dial press & hold the last digit of speed dial # the keypad.

- 1 Press [MENU] .
- 2 To assign a phone number to a location, select the location and press [ASSIGN].
 - If a phone number is already assigned to the location, press [ERASE] and the [OK] to delete.
- 3 The phone book list will be displayed alphabetically. Select a name and press [OK].
- 4 “Speed dial # X edited” will be displayed.

MSG. GROUP

Allows you to group up to 10 phone numbers. You can add, change, and delete Msg.Group.

ADD NEW MSG. GROUP

- 1 To add a new group, press [MENU] .
- 2 Press [MORE] to add a group.
- 3 Input a new group name.
- 4 Press [OK] to save it.

CONTACTS

CHANGE MSG. GROUP NAME

- 1 Press [MENU] .
- 2 Press [MORE] to rename the group.
- 3 Input a new group name.
- 4 Press [OK] to save it.

SEND TEXT GROUP

- 1 Press [MENU] .
- 2 Press [MORE] to send a message.
- 3 Input a message and phone number.
- 4 Press [MORE] to send it.

ERASE GROUP

- 1 Press [MENU] .
- 2 Press [ERASE] to delete it.
“Erase this message group?” will be displayed.
- 3 Press [OK]. “This message group erased” will be displayed.

CONTACTS

MY PHONE

To display your phone number and service information.

- 1 Press [MENU] .
- 2 To return to the previous page, press [OK].

TOOLS

ALARM

You can set up to 3 alarms.

- 1 To display alarm entries, press [MENU] .
- 2 Select one of the entries using the Navigation Key.
To set a new alarm, choose item 1, 2 or 3.
To edit an existing alarm, select that alarm.
Press [OK].

To delete the existing one, press [ERASE] and [OK].

- 3 Press the Navigation Key down to select alarm options.

TIME SETTING

Use the keypad to set a time for the event and the to select AM or PM then press [OK].

SETTING

Use the Navigation key to select a setting for the alarm (Once, Daily, Off).

SNOOZE SETTING


Use the Navigation key to select a Snooze setting (No Use, 1 time after 5 min, 1 time after 10 min, 3 times by 5 min).


RINGTONE SETTING

To set a “Ringtone” press [MORE], then select “Default” or “Change” using the Navigation key.
To save it press [OK].

- Default: To set default ringtone type.
- Change: To set custom ringtone type.

NOTES SETTING






Using the keypad input an alarm message then press  [OK].

- 4 To save an alarm setting press  [SAVE].


SCHEDULER

Sets an event and reminds you of that event.



ADD EVENT

- 1 Press  [MENU]   .
- 2 Move the Navigation Key left, right, up or down to choose a date in the calendar and press  [OK].
- 3 To select alarm options press the Navigation key downwards.


DATE SETTING

Use the keypad to change or enter the date then press  [OK].

TIME SETTING

Use the keypad to set a time and  to select AM or PM then press  [OK].



PLAN SETTING

Use the keypad to input a plan message then press  [OK].

SETTING

Select an alert time interval option (On Time, 10 Min Before, 30 Min Before, 1 Hour Before, No Alarm) using the Navigation Key.

RINGTONE SETTING

To set a Ringtone, press  [MORE], then select "Default" or "Change" using the Navigation key. To save it press  [OK].

- Default: To set default ringtone type.
- Change: To set custom ringtone type.

TOOLS

- 4 Press [SAVE] to save it or [CLR] to return to the calendar.
- 5 The date of the event will be marked on your calendar.

VIEW EVENT LIST

- 1 To view the Event List, press [MENU] .
- 2 Move the Navigation Key to choose an event and press [OK] or [ERASE]. Press [MORE], then select "Erase All" using the Navigation Key.

TOOLS

CALCULATOR

To access the calculator:

- 1 Press [MENU] .
- 2 Example: follow the instructions below to calculate $(8*6)/4-2.5$

Input 8.
Move the Navigation Key right.
Input 6 and press the Navigation Key.
Move it left.
Input 4 and press the Navigation Key.
Move it downward.
Input 2 and press the to input (.).
Press 5, .



- 3 To reset, press [RESET].

TOOLS

STOPWATCH

Simultaneously times up to six different events. To operate the stopwatch:

- 1 Press [MENU] .
- 2 To measure a time period.
 1. To start the stopwatch, press [START].
 2. To pause it, press [STOP].
 3. Press [START] to resume it or [RESET] to reset counter.
- 3 To time up to six events at once:
 1. To start, press [START].
 2. To stop a time period and continue measuring another one, press [CONT].
 3. To stop the second and continue measuring a third one, press [CONT].
 4. To measure up to six time periods, repeat the above steps.
 5. To stop, press [STOP]. To review the results, press [VIEW].
 6. To return to the stopwatch, press [OK].
 7. To reset it, press [RESET].

WORLD CLOCK

To display the time and date in pre-programmed cities:

- 1 Press [MENU] .
- 2 Select a city with the Navigation Key.
- 3 The world map appears with the city, its date and time.

NOTE

As the daylight saving time is not applied, it may be different from the actual time during DST.

SETTINGS

Customizes your phone and optimizes performance through a variety of settings.

SOUNDS

Sets Ringtones, Messages, Voicemail, Volume, Tone Length and Silencer Mode.

RINGTONES

To select a ringtone type for incoming calls:

- 1 Press [MENU] .
- 2 Select “Ringtones” with the Navigation Key.

- Virgin Tone 2.0
- Siren
- Arcade
- Techno
- Jingle

- 3 To confirm, press [OK].

NOTE

To stop playing a ringtone, press [PAUSE].

MESSAGES

To select a ringtone type for incoming messages:

- 1 Press [MENU] .
- 2 Select “Tone_1,2,3,4,5” with the Navigation Key.
- 3 To confirm, press [OK].

NOTE

To stop playing a ringtone, press [PAUSE].

SETTINGS

VOICEMAIL

To select a ringtone type for incoming Voicemail:

- 1 Press [MENU] .
- 2 Select “Tone_1,2,3,4,5” with the Navigation Key.
- 3 To confirm, press [OK].



To stop playing a ringtone, press [PAUSE].

VOLUME

Controls the Ringtones, Key tone, Voice Call and Speakerphone volume and alerts you to incoming calls in a variety of modes.

RINGTONES

Controls the Ringtones volume and alerts you to incoming calls in the following modes.

- 1 Press [MENU] .
- 2 Select one of the following options:
 - Ringtone Off, press (Min).
 - Vibrate On
 - Ringtone Mode – Volume Levels 1-5.
 - High & Vibrate – The ringtone sounds after vibration, press (Max).
- 3 To confirm, press [OK].

SETTINGS

KEY TONE

To adjust keypad tone:

- 1 Press [MENU] .
- 2 Adjust the keypad tone.
 - Off/Level1-5 (Min- , Max-)
- 3 To save, press [OK].

VOICE CALL

To adjust earpiece volume:

- 1 Press [MENU] .
- 2 Adjust the earpiece volume.
 - Level1-5 (Min- , Max-)
- 3 To save, press [OK].

SPEAKERPHONE

To adjust speakerphone volume:

- 1 Press [MENU] .
- 2 Adjust the speakerphone volume.
 - Level1-5 (Min- , Max-)
- 3 To save, press [OK].

SETTINGS

PHONE LENGTH

To adjust tone length:

- 1 Press [MENU] [9] [1] [5].
- 2 Select "Normal" or "Long" and press [OK] to save it.

SILENCER MODE

To place the phone in Silencer Mode so all phone sounds are muted:

- 1 Press [MENU] [9] [1] [6].
- 2 Select "On" or "Off" and press [OK] to save it.

- Shortcut – Press and hold to activate/deactivate this feature.

SETTINGS

DISPLAY

Allows you to customize the display.

MENU STYLE

To select a display menu style:

- 1 Press [MENU] [9] [2] [1].
- 2 Select "Grid", "Fold" or "List" and press [OK] to save it.



Grid



Fold



List

GRAPHICS

To select an LCD display:

SCREEN SAVER

- 1 Press [MENU] [9] [2] [2] [1].
- 2 Select "Time Setting" or "Screen Saver" with the Navigation key.
 - Time Setting: Off, 5 Secs, 10 Secs, 20 Secs, 30 Secs.
 - Screen Saver: Select an image. (Default image - Virgin)
- 3 Press [OK] to save it.

WALLPAPER

- 1 Press [MENU] [9] [2] [2] [2].
- 2 Select one of the Wallpapers with the Navigation key.
 - Default image - Birdy, Hearts, Julie, Mobile, Mobilize, Pineapple, Pinky, V
- 3 Press [OK] to save it.

SETTINGS

SUB SCREEN

- 1 Press [MENU] .
- 2 Select "Digital" or "Analog".
- 3 Press [OK] to save it.

GREETING MESSAGE

To input a personal greeting:

- 1 Press [MENU] .
- 2 Select "Message", "Font", "Bg" or "Enter Message" to personalize your greeting. Press [OK].
 - Message: On/Off.
 - Font: White, Blue, Dark Blue, Magenta, Gray, Black.
 - Bg: Transparent, White, Blue, Yellow, Gray, Black.
 - Enter Message: Enter message (Default-Virgin Mobile).
- 3 To save, press [SAVE].

SETTINGS

CONTRAST

To adjust the display contrast:

MAIN LCD/SUB LCD

- 1 Press [MENU] .
- 2 Select "Main LCD" or "Sub LCD".
 - Main LCD: Level 1~5.
 - Sub LCD: Level 1~5.
- 3 To save, press [OK].

BACKLIGHT

Backlights the display and keypad for easy viewing in dark places.

LCD/KEYPAD/DIMMING

- 1 Press [MENU] .
- 2 Select "LCD", "Keypad" or "Dimming".
 - LCD: 5 Secs/15 Secs/30 Secs/60 Secs/Always On.
 - Keypad: 5 Secs/15 Secs/30 Secs/60 Secs/Always On/Always Off.
 - Dimming: On/Off.
 - INFO: 1. Dimming is ON by default.
2. While charging, it may act like ON even if Dimming is set as off.
- 3 To save, press [OK].



When the Subscriber terminal is connected to external power (Hands free car kit), The backlight setting change to "Always On".

SETTINGS

CALL OPTIONS

CALL ANSWER

To select an answer mode:

- 1 Press [MENU] .
- 2 Select “Any Key” or “Send Key”.

- Any Key: Press any key to answer an incoming call except , , , and .
- Send Key: Press only to answer a call.

- 3 To save, press [OK].

ACTIVE FLIP

Selects an Active Flip Answer mode as follows.

- 1 Press [MENU] .
- 2 Select “On” or “Off”.
- 3 To save, press [OK].

- When Active Flip On is selected, an incoming phone call can be answered simply by opening the phone.
- When Active Flip Off is selected, you will need to open the phone and follow the Answer mode you have selected.

SETTINGS

AUTO ANSWER

Automatically answers a call after a preset time. An ideal setting for the hands-free car kit.

- 1 Press [MENU] .
- 2 Select one of the following:

● Off / 5 Secs/ 10 Secs/ 18 Secs.



This function will not be active when you select Vibrate, Silent, Etiquette or Ringtone after Vib as a ringtone mode.

- 3 To save, press [OK].

AUTO RETRY

Automatically redial a call up to 5 times after a set time interval. Available where signal is weak or where phone hardly comes on.

- 1 Press [MENU] .
- 2 Under Retry Time, select a time interval option (Off, 3 Secs, 5 Secs, 7 Secs, 10 Secs). The Repeat Category will appear when a time frame is chosen.
- 3 Under Repeat, select a time interval option (1 Time, 3 Times, 5 Times).
- 4 To save, press [OK].

SETTINGS

LOCATION

To determine whether or not the network system can detect your position:

1 Press [MENU] .

2 Select “Location On” or “911 Only”.

- Location On: Your location is now available to the network.
- 911 Only: Your location will be hidden from network & application except 911.

3 To save, press [OK].

SETTINGS

SECURITY

Prevents others from using the phone without permission and allows access to security features only after inputting a password.

PHONE LOCK

Prevents others from using your phone without permission. When locked, calls cannot be made and the menu cannot be accessed without password.

1 Press [MENU] and enter “Password”.

The default password is the last 4 digits of your phone number.

2 Press and select “Lock Now”, “Lock On Power Up” or “Unlock”.

- Lock Now: Lock the phone now.
- Lock On Power Up: Do not lock the phone now, but lock the next time the phone is powered on.
- Unlock: Unlocks the phone.

If your phone loses power when locked, it will remain locked when powered-up again.

3 To save, press [OK].

RESTRICT

When you attempt to make a restricted call.

OUTGOING

Blocks all outgoing calls – except emergency calls – but allows incoming calls to be answered.

1 Press [MENU] and enter “Password”.

2 Press and select “Allow” or “Restrict”.

- Allow: Allows outgoing calls.
- Restrict: Restricts outgoing calls.

3 To save, press [OK].

SETTINGS

RECENT CALLS

Blocks access to Recent Call List.

- 1 Press [MENU] and enter "Password".
- 2 Press and select "Allow" or "Restrict".
 - Allow: Allows access to the recent calls menu.
 - Restrict: Restricts access to the recent calls menu.
- 3 To save, press [OK].

CONTACTS

Blocks access to, and protects data in your phone book.

- 1 Press [MENU] and enter "Password".
- 2 Press and select "Allow" or "Restrict".
 - Allow: Allows access to the phone book.
 - Restrict: Restricts access to the phone book.
- 3 To save, press [OK].

When a contact is stored as secret, that contact's name will not be displayed when they call.

BROWSER

Restricts access to browser.

- 1 Press [MENU] and enter "Password".
- 2 Press and select "Allow" or "Restrict".
 - Allow: Allows access to the browser.
 - Restrict: Restricts access to the browser.
- 3 To save, press [OK].

SETTINGS

CHANGE CODE

Changes your 4-digit password

- 1 Press [MENU] and enter "Password".
- The default password is the last 4 digits of your phone number.
- 2 Press .
 - 3 Enter a new password and press [OK].
 - 4 Enter the new password again and press [OK].

SPECIAL NUMBERS

Stores 3 phone numbers that can be called even in the lock mode.

- 1 Press [MENU] and enter "Password".
- The default password is the last 4 digits of your phone number.
- 2 Press and select a location.
 - 3 Press [ASSIGN] and input a phone number, press [OK] to save.

You can delete a special number by selecting it, pressing [ERASE], then [OK].

SETTINGS

ERASE ALL

Clears all phone book entries.

- 1 Press [MENU] and enter "Password".



The default password is the last 4 digits of your phone number.

- 2 Press .

- 3 Select "Contacts" or "Downloaded Ringtones" and press [OK] to erase all the items in those categories.

RESET TO DEFAULT SETTINGS

Resets phone to default settings.

- 1 Press [MENU] and enter "Password".



The default password is the last 4 digits of your phone number.

- 2 Press .

- 3 Select "Yes" or "No", then press [OK].

When you select "yes" you will see "Reset Phone this will reset to default settings. Reset Phone?". Press [OK] to begin Reset process.

- 4 To reset the phone, press [OK].

SETTINGS

PHONE INFO.

Displays the technical information about your phone:

S/W VERSION

- 1 Press [MENU] .

- 2 The software version appears.

- 3 Press [OK].

H/W VERSION

- 1 Press [MENU] .

- 2 The hardware version appears.

- 3 Press [OK].

Chapter 5

GAMES

This section explains the features associated with your phone's Games. You can play games on your phone between phone calls. An incoming call, message, alarm, or alert automatically ends the game.

■ GAMES

GAMES

GAMES

BLACKJACK

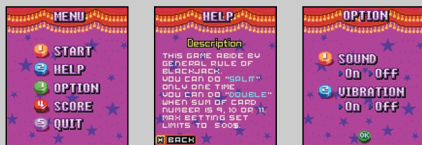
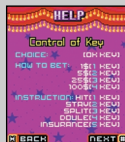
You know the rules of the game - whoever gets closest to 21 without going over wins. Think you can beat the dealer? Good luck!

1 Press [MENU] .

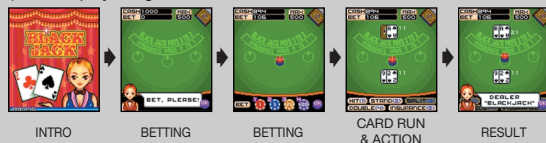
2 Press any key to start the game.

ORGANIZATION OF THE MENU

- 1) How to manipulate
 - Betting: 1-4 (4: MAX)
 - Action: 1-HIT
 - 2-STAY
 - 3-SPLIT
 - 4-DOUBLE
 - 5-INSURANCE
- 2) Organization
 - START : Starts the game.
 - HELP : Views explanation about key manipulation and Black Jack.
 - OPTION : Sets up On/Off of sound and vibration.
 - SCORE : Checks out a saved score.
 - QUIT : Finishes a game.



3) How to play the game



- 4) Game rules
 - Order of action: User goes first then the dealer goes next.
 - Winning condition: Either the user or the dealer will win the game whoever the sum of card number is closer to 21. The user also wins when the dealer goes over 21.
 - Losing condition: A player will lose the game whenever the user's sum of number exceeds 21. The user also loses when the dealer's sum of number is closer to 21 than the user, assuming both the user and the dealer's sum of number is less than 21.
 - Making even: When both the user and the dealer have Black Jack, the game makes even.
 - CASH : money in possession
 - BET : Betting money
 - Betting button & Action button : Action or betting button
 - MAX : Maximum betting money
 - DECK : Card deck
 - TABLE : Game table



DIRECTION OF ACTION

- 1) HIT

Order of action: User goes first then the dealer goes next. Receives one more card. A player can receive as many cards as possible, but when the sum of number goes over 21, the user loses
- 2) STAND

Refusing to receive any more cards. The user will have to wait and see the outcome of the game after selecting STAND.
- 3) SPLIT

If the two cards received first are the same, the user can choose to split the two cards. In other words, a player can play the game against the dealer with two decks. Note that the money in possession should exceed the betting money during the split. In the event of Split, the user only has one chance to hit.
- 4) DOUBLE

When the sum of two card numbers is 9, 10 or 11, unless the money remaining is less than the betting money, the user can double the betting money.
- 5) INSURANCE

It can only be used when the opened dealer's card is 'A'. The money in possession should exceed half of betting money. Half of the present betting money will be paid as the insurance. If the dealer makes Black Jack, the user will take all betting money. Otherwise, the betting money will belong to the dealer.

3 To end the game, press .

GAMES

MAGIC HEXA

The object of this game is to get rid of all the blocks before it's too late. Line-up three blocks in a row - horizontally, vertically, or diagonally - and they'll disappear. Here's a hint: Some blocks have special powers. Put those to good use!

1 Press [MENU] .

2 Press any key to start the game.

DIRECTION

- Change: Changes the position of the block
- Drop: Block moves downward
- Left: Block moves leftward
- Right: Block moves rightward
- Movement of the Block: The block can move left, right and down
- Revolving the Block: The block can be revolved
- Getting rid of the Block: The blocks will be removed, when three same blocks are consecutively positioned (Horizontally, Vertically and Diagonally)
- Obstruction Block: During each stage, after a certain period of time, an obstruction block appears.
- Game Over: If the block is filled, the game will be over.



CHARACTERS

- Henzel: The main character of the game.
- Gretel: Another main character. Henzel's little sister.
- Fairy: Helps Henzel and Gretel by providing items.
- Witch: Drops glass blocks so that Henzel and Gretel cannot complete the mission.
- Bat: Works for the witch, and bothers Henzel and Gretel by dropping rocks to the water.

OBSTRUCTION BLOCK

- Crystal: Glass blocks which cannot be broken.
- Rock: Heavy rocks which cannot be broken.
- Lightening: Lightening item which gets rid of the blocks for the vertical line.
- Storm: Storm Item which gets rid of the contacting block.
- Fire: Fire Item which gets rid of 8 blocks around.

3 To end the game, press .

Chapter 6

VOICEMAIL AND TEXT MESSAGING

This chapter addresses Voicemail and Text Messaging functions including:

- WHEN A NEW MESSAGE ARRIVES
- VOICEMAIL
- SEND TEXT MSG
- INBOX
- VIRGIN ALERTS
- OUTBOX
- SAVED
- ERASE MSGS
- MSG SETTINGS

WHEN A NEW MESSAGE ARRIVES

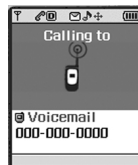
- 1 The following display appears when a new message arrives.
- 2 To display the message, press [READ].



VOICEMAIL

Displays the number of Voicemails and accesses them by pressing [Call].

- 1 To access your Voicemail, press [MENU] .



SEND TEXT MSG

To send a new message:

- 1 Press [MENU] .
- 2 Under Send To, input the phone number and press [OK].

- By pressing [MORE], you can choose from the following:
 1. **Contacts:** Allows you to search for a phone number which is stored in the phone book.
 2. **Msg Group:** Allows to select all the phone numbers in a group.
 3. **123:** To change the input mode.
 4. **Save:** Stores the phone number the message was sent to.
- By pressing [RECENT], allows to select one number of all recent calls list.

- 3 Under Message, input a new text message and press [MORE].

(Please see page 27 for more details on entering letters, numbers and symbols.)

- You can choose from the following:
 1. **Send:** Allows you to send the text message.
 2. **Auto Text:** Allows you to select the saved auto text message.
 3. **Save to Auto Text:** Stores the text message in the saved auto text messaging.
 4. **Callback:** Allows you to input the callback number.
- By pressing [Abc], to change the input mode.

INBOX

The Inbox manages received text messages. To access:

- 1 Press [MENU] .

- : New Msg (not read)
- : Old Msg (already read)

- 2 Select a message and press [OK].
The message is displayed.
- 3 To Reply to the message, press [REPLY].
- 4 Press [MORE].

1. ERASE

- 1 To erase the message, press "Erase".
- 2 Press .

2. FORWARD

- 1 To forward the text message, press "Forward".
- 2 Input the phone number of the person you are sending the message, then press [OK].
- 3 To forward the text message, then press [MORE] and select "1. Send".

INBOX

3. SAVE TO CONTACT

- 1 To save number to contact, press "Save to Contact".

4. SAVE

- 1 To save the text message in your phone, press "Save".

VIRGIN ALERTS

VIRGIN ALERTS

- 1 Press [MENU] .
- 2 Select a message, then press [OK].
- 3 The Virgin Alert message will be displayed.

OUTBOX

Manages sent text messages or messages waiting to be sent.

CHECKING SENT TEXT MESSAGES

- 1 Press [MENU] .
Select a message, then press [OK].

- : Auto resend
- : Fail
- : Not send
- : Sent
- : Cancel msg
- : Saved msg in editing

- 2 The text message is displayed.
- 3 To Resend message, press [RESEND].
- 4 Press [MORE].

1. ERASE

- 1 To erase the message, press "Erase".
- 2 Press [OK].

2. SEND TO

- 1 To send the message to the other person, press "Send to".
- 2 Input the phone number, then press [OK].
- 3 Input your text message, then press [MORE] and select "1. Send".

OUTBOX

3. SAVE TO CONTACT

- 1 To save the number to your contacts, press **3 DEF** "Save to Contact".
- 2 Press **OK** [OK].

4. SAVE

- 1 To save the message, press **4 OK** "Save".

SAVED

SAVED

Manages saved messages from the Inbox/Outbox.

- 1 Press **7 [MENU]** **3 DEF** **6 MSG**.
Select a text message then press **OK** [OK].
- 2 The text message is displayed.
Press **7 [MORE]**.
- 3 If the text message is saved from the "Inbox" menu, this screen will be displayed.



If the text message is saved from the "Outbox" menu, this screen will be displayed.



- 4 Select an option by pressing **OK** [OK].

ERASE MSGS

ERASE MESSAGES

1 Press [MENU] .

2 1. To erase all the inbox messages, press .

- Old: Deletes read Message(s).
- Entire: Deletes all the message(s) in the Inbox.

2. To erase all the outbox messages, press .

3. To erase the saved messages, press .

3 Select “OK” or “Cancel” with [OK] or [CANCEL].

MSG SETTINGS

Manages messaging features through various features.

MSG SOUNDS

Enables phone to alert you of an incoming message.

1 Press [MENU] . Then press for “MSG Sounds”.

2 Select one of the following options:

- Ringtone
- Vibrate
- Silent
- Ring & Remind
- Vibrate & Remind

3 To confirm, press [OK].

AUTO TEXT

To edit the auto text message you have saved:

1 Press [MENU] . Then press for “Auto Text”. Select one message from the list with the Navigation key and press [OK].

2 To add the saved auto text message, press [ADD].

3 The text messaging is displayed. Press [MORE].

To edit the saved auto text message, press [EDIT].

To erase the saved auto text message, press [ERASE].

MSG SETTINGS

SAVE TO OUTBOX

- 1 Press [MENU] .
Then press for “Save to Outbox”.
- 2 Select from “Off”, “On” or “Prompt” with the Navigation key.
- 3 Press [OK].

AUTO ERASE

Automatically erases inbox/outbox messages when new messages arrive.

INBOX

- 1 Press [MENU] .
- 2 Press .
Select “Disable” or “Enable” with Navigation key.
- 3 Press [OK].

OUTBOX

- 1 Press [MENU] .
- 2 Press .
Select “Disable” or “Enable” with Navigation key.
- 3 Press [OK].

Chapter 7

VIRGINXTRAS








This chapter explains how to access VirginXtras - a fun collection of features including music, movies, and more.

- START VIRGINXTRAS
- VIRGINXTRAS

START VIRGINXTRAS

START VIRGINXTRAS



VirginXtras - are a fun collection of features which you can access directly from your phone - music, movies, and more. Charges may apply. Visit www.virginmobileusa.com for details.

- 1 To access VirginXtras, press  .
- 2 Scroll down the page using the navigation key .
- 3 To select one of the softkeys (options) at the bottom of the display, press  or .
- 4 To return to the previous page, press .
- 5 To exit VirginXtras, press .

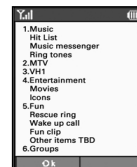
VIRGINXTRAS

ACCESSING VIRGINXTRAS

You can access a variety of entertainment, music, and information services.

- 1 To start a VirginXtras session and access these services, press  [MENU] .

- When you select VirginXtras, a session is initiated.
- You cannot receive incoming calls when a VirginXtras session is in progress.



Chapter 8

SAFETY AND WARRANTY

This chapter addresses the safety guidelines and precautions to follow when operating your phone. Please be aware of all the following safety info before operating your phone.

- SAFETY INFORMATION FOR WIRELESS
HANDHELD PHONES
- SAFETY INFORMATION FOR FCC RF EXPOSURE
- SAR INFORMATION
- FDA CONSUMER UPDATE
- PROTECT YOUR WARRANTY
- 12-MONTH LIMITED WARRANTY

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

Read This Information Before Using Your Handheld
Portable Cellular Telephone

EXPOSURE TO RADIO FREQUENCY SIGNALS

Your wireless handheld portable telephone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless phones. Those guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies:

ANSI C95.1 (1992) *
NCRP Report 86 (1986) *
ICNIRP (1996) *

Those standards were based on comprehensive and periodic evaluations of the relevant scientific literature. For example, over 120 scientists, engineers, and physicians from universities, government health agencies, and industry reviewed the available body of research to develop the ANSI Standard (C951).

The design of your phone complies with the FCC guidelines (and those standards).

ANTENNA CARE

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

DRIVING SAFETY

Talking on the phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

Also, if using your phone while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call, if driving conditions so require.

If you must use the phone while driving, please use one-touch, speed dialing, and auto answer modes.

An airbag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the airbag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.



WARNING: Failure to follow these instructions may lead to serious personal injury and possible property damage.

1* : American National Standards Institute.
2* : National Council on Radiation protection and measurements.
3* : International Commission on Nonionizing Radiation Protection.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

ELECTRONIC DEVICES

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers :

- ALWAYS keep the phone more than six inches from your pacemaker when the phone is turned on.
- Do not carry the phone in a breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if they are adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn your phone OFF in healthcare facilities when any regulations posted in these areas instruct you to do so. Hospitals or healthcare facilities may be using equipment that could be sensitive to external RF energy.

POSTED FACILITIES

Turn your phone OFF where posted notices so require.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

OTHER SAFETY GUIDELINES

AIRCRAFT

FCC and Transport Canada Regulations prohibit using your phone while in the air. Turn your phone OFF before boarding an aircraft.

BLASTING AREAS

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in areas posted: "Turn off two-way radio." Obey all signs and instructions.

POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or articles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

SAFETY INFORMATION FOR WIRELESS HANDHELD PHONES

PRECAUTIONS

Your Handheld Portable Telephone is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on (1) AC Adaptor (2) Battery and (3) Product Using Battery.



DO NOT use this equipment in an extreme environment where high temperature or high humidity exists.



DO NOT abuse the equipment. Avoid striking, shaking or shocking. When not using, lay down the unit to avoid possible damage due to instability.



DO NOT expose this equipment to rain or spilled beverages.



DO NOT use unauthorized accessories.



DO NOT disassemble the phone or its accessories. If service or repair is required, return unit to an authorized Audiovox cellular service center. If unit is disassembled, the risk of electric shock or fire may result.



DO NOT short-circuit the battery terminals with metal items etc.

SAFETY INFORMATION FOR FCC RF EXPOSURE



WARNING! Read this Information before using

CAUTIONS

In August 1996 the Federal Communications Commission (FCC) of the United States with its action in Report and Order FCC 96-326 adopted an updated safety standard for human exposure to radio frequency electromagnetic energy emitted by FCC regulated transmitters. Those guidelines are consistent with the safety standard previously set by both U.S. and international standards bodies. The design of this phone complies with the FCC guidelines and these international standards.

Use only the supplied or an approved antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage the phone, or result in violation of FCC regulations.

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

BODY-WORN OPERATION

This device was tested for typical body-worn operations with the back of the phone kept 2.0 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 2.0 cm. separation distance between the user's body and the back of the phone, including the antenna. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.



For more information about RF exposure, please visit the FCC website at www.fcc.gov

SAR INFORMATION

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the ear is 1.15 W/Kg and when worn on the body, as described in this user guide, is 0.393W/Kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on PP4TX-110C.

SAR INFORMATION

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

* In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.



1. Do wireless phones pose a health hazard?

The available scientific evidence does not show that any health problems are associated with using wireless phones. There is no proof, however, that wireless phones are absolutely safe. Wireless phones emit low levels of radio frequency energy (RF) in the microwave range while being used. They also emit very low levels of RF when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects. Many studies of low level RF exposures have not found any biological effects. Some studies have suggested that some biological effects may occur, but such findings have not been confirmed by additional research. In some cases, other researchers have had difficulty in reproducing those studies, or in determining the reasons for inconsistent results.

2. What is FDA's role concerning the safety of wireless phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as wireless phones before they can be sold, as it does with new drugs or medical de-vices. However, the agency has authority to take action if wireless phones are shown to emit radio frequency energy (RF) at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of wireless phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists. Although the existing scientific data do not justify FDA regulatory actions, FDA has urged the wireless phone industry to take a number of steps, including the following:

- Support needed research into possible biological effects of RF of the type emitted by wireless phones;
- Design wireless phones in a way that minimizes any RF exposure to the user that is not necessary for device function;
- and
- Cooperate in providing users of wireless phones with the best possible information on possible effects of wireless phone use on human health.

FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of RF safety to ensure coordinated efforts at the federal level. The following agencies belong to this working group:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Safety and Health Administration
- National Telecommunications and Information Administration

The National Institutes of Health participates in some interagency working group activities, as well. FDA shares regulatory responsibilities for wireless phones with the Federal Communications Commission (FCC). All phones that are sold in the United States must comply with FCC safety guidelines that limit RF exposure. FCC relies on FDA and other health agencies for safety questions about wireless phones. FCC also regulates the base stations that the wireless phone networks rely upon. While these base stations operate at higher power than do the wireless phones themselves, the RF exposures that people get from these base stations are typically thousands of times lower than those they can get from wireless phones. Base stations are thus not the subject of the safety questions discussed in this document.

3. What kinds of phones are the subject of this update?

The term "wireless phone" refers here to handheld wireless phones with built-in antennas, often called "cell," "mobile," or "PCS" phones.

These types of wireless phones can expose the user to measurable radio frequency energy (RF) because of the short distance between the phone and the user's head.

These RF exposures are limited by Federal Communications Commission safety guidelines that were developed with the advice of FDA and other federal health and safety agencies. When the phone is located at greater distances from the user, the exposure to RF is drastically lower because a person's RF exposure decreases rapidly with increasing distance from the source. The so-called "cordless phones," which have a base unit connected to the telephone wiring in a house, typically operate at far lower power levels, and thus produce RF exposures far below the FCC safety limits.

4. What are the results of the research done already?

The research done thus far has produced conflicting results, and many studies have suffered from flaws in their research methods. Animal experiments investigating the effects of radiofrequency energy (RF) exposures characteristic of wireless phones have yielded conflicting results that often cannot be repeated in other laboratories. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. However, many of the studies that showed increased tumor development used animals that had been genetically engineered or treated with cancer-causing chemicals so as to be predisposed to develop cancer in the absence of RF exposure. Other studies exposed the animals to RF for up to 22 hours per day. These conditions are not similar to the conditions under which people use wireless phones, so we don't know with certainty what the results of such studies mean for human health. Three large epidemiology studies have been published since December 2000. Between them, the studies investigated any possible association between the use of wireless phones and primary brain cancer, glioma, meningioma, or acoustic neuroma, tumors of the brain or salivary gland, leukemia, or other cancers. None of the studies demonstrated the existence of any harmful health effects from wireless phone RF exposures. However, none of the studies can answer questions about long-term exposures, since the average period of phone use in these studies was around three years.

5. What research is needed to decide whether RF exposure from wireless phones poses a health risk?

A combination of laboratory studies and epidemiological studies of people actually using wireless phones would provide some of the data that are needed. Lifetime animal exposure studies could be completed in a few years. However, very large numbers of animals would be needed to provide reliable proof of a cancer promoting effect if one exists. Epidemiological studies can provide data that is directly applicable to human populations, but 10 or more years' follow-up may be needed to provide answers about some health effects, such as cancer. This is because the interval between the time of exposure to a cancercausing agent and the time tumors develop - if they do - may be many, many years. The interpretation of epidemiological studies is hampered by difficulties in measuring actual RF exposure during day-to-day use of wireless phones. Many factors affect this measurement, such as the angle at which the phone is held, or which model of phone is used.

6. What is FDA doing to find out more about the possible health effects of wireless phone RF?

FDA is working with the U.S. National Toxicology Program and with groups of investigators around the world to ensure that high priority animal studies are conducted to address important questions about the effects of exposure to radiofrequency energy (RF). FDA has been a leading participant in the World Health Organization International Electromagnetic Fields (EMF) Project since its inception in 1996. An influential result of this work has been the development of a detailed agenda of research needs that has driven the establishment of new research programs around the world.

FDA CONSUMER UPDATE

The Project has also helped develop a series of public information documents on EMF issues. FDA and the Cellular Telecommunications & Internet Association (CTIA) have a formal Cooperative Research and Development Agreement (CRADA) to do research on wireless phone safety. FDA provides the scientific oversight, obtaining input from experts in government, industry, and academic organizations. CTIA-funded research is conducted through contracts to independent investigators. The initial research will include both laboratory studies and studies of wireless phone users. The CRADA will also include a broad assessment of additional research needs in the context of the latest research developments around the world.

7. How can I find out how much radiofrequency energy exposure I can get by using my wireless phone?

All phones sold in the United States must comply with Federal Communications Commission (FCC) guidelines that limit radiofrequency energy (RF) exposures. FCC established these guidelines in consultation with FDA and the other federal health and safety agencies. The FCC limit for RF exposure from wireless telephones is set at a Specific Absorption Rate (SAR) of 1.6 watts per kilogram (1.6 W/kg). The FCC limit is consistent with the safety standards developed by the Institute of Electrical and Electronic Engineers (IEEE) and the National Council on Radiation Protection and Measurement. The exposure limit takes into consideration the body's ability to remove heat from the tissues that absorb energy from the wireless phone and is set well below levels known to have effects. Manufacturers of wireless phones must report the RF exposure level for each model of phone to the FCC. The FCC website (<http://www.fcc.gov/oet/rfsafety>) gives directions for locating the FCC identification number on your phone so you can find your phone's RF exposure level in the online listing.

8. What has FDA done to measure the radiofrequency energy coming from wireless phones?

The Institute of Electrical and Electronic Engineers (IEEE) is developing a technical standard for measuring the radiofrequency energy (RF) exposure from wireless phones and other wireless handsets with the participation and leadership of FDA scientists and engineers. The standard, "Recommended Practice for Determining the Spatial-Peak Specific Absorption Rate (SAR) in the Human Body Due to Wireless Communications Devices: Experimental Techniques," sets forth the first consistent test methodology for measuring the rate at which RF is deposited in the heads of wireless phone users. The test method uses a tissue-simulating model of the human head. Standardized SAR test methodology is expected to greatly improve the consistency of measurements made at different laboratories on the same phone. SAR is the measurement of the amount of energy absorbed in tissue, either by the whole body or a small part of the body. It is measured in watts/kg (or milliwatts/g) of matter. This measurement is used to determine whether a wireless phone complies with safety guidelines.

9. What steps can I take to reduce my exposure to radiofrequency energy from my wireless phone?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your exposure to radiofrequency energy (RF). Since time is a key factor in how much exposure a person receives, reducing the amount of time spent using a wireless phone will reduce RF exposure.

- If you must conduct extended conversations by wireless phone every day, you could place more distance between your body and the source of the RF, since the exposure level drops off dramatically with distance. For example, you could use a headset and carry the wireless phone away from your body or use a wireless phone connected to a remote antenna.

FDA CONSUMER UPDATE

Again, the scientific data do not demonstrate that wireless phones are harmful. But if you are concerned about the RF exposure from these products, you can use measures like those described above to reduce your RF exposure from wireless phone use.

10. What about children using wireless phones?

The scientific evidence does not show a danger to users of wireless phones, including children and teenagers. If you want to take steps to lower exposure to radiofrequency energy (RF), the measures described above would apply to children and teenagers using wireless phones. Reducing the time of wireless phone use and increasing the distance between the user and the RF source will reduce RF exposure. Some groups sponsored by other national governments have advised that children be discouraged from using wireless phones at all. For example, the government in the United Kingdom distributed leaflets containing such a recommendation in December 2000. They noted that no evidence exists that using a wireless phone causes brain tumors or other ill effects. Their recommendation to limit wireless phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

11. What about wireless phone interference with medical equipment?

Radiofrequency energy (RF) from wireless phones can interact with some electronic devices. For this reason, FDA helped develop a detailed test method to measure electromagnetic interference (EMI) of implanted cardiac pacemakers and defibrillators from wireless telephones. This test method is now part of a standard sponsored by the Association for the Advancement of Medical Instrumentation (AAMI). The final draft, a joint effort by FDA, medical device manufacturers, and many other groups, was completed in late 2000. This standard will allow manufacturers to ensure that cardiac pacemakers and defibrillators are safe from wireless phone EMI. FDA has tested hearing aids for interference from handheld wireless phones and helped develop a voluntary standard sponsored by the Institute of Electrical and Electronic Engineers (IEEE). This standard specifies test methods and performance requirements for hearing aids and wireless phones so that no interference occurs when a person uses a "compatible" phone and a "compatible" hearing aid at the same time. This standard was approved by the IEEE in 2000. FDA continues to monitor the use of wireless phones for possible interactions with other medical devices. Should harmful interference be found to occur, FDA will conduct testing to assess the interference and work to resolve the problem.

12. Where can I find additional information?

For additional information, please refer to the following resources:

- FDA web page on wireless phones (<http://www.fda.gov/cdrh/phones/index.html>)
- Federal Communications Commission (FCC) RF Safety Program (<http://www.fcc.gov/oet/rfsafety>)
- International Commission on Non-Ionizing Radiation Protection (<http://www.icnirp.de>)
- World Health Organization (WHO) International EMF Project (<http://www.who.int/emf>)
- National Radiological Protection Board (UK) (<http://www.nrpb.org.uk/>)

PROTECT YOUR WARRANTY

Read your Warranty carefully, with the special consideration to paragraph seven of the Limited Warranty for your unit.

"Warranty does not apply to... or to any product or part thereof which has suffered through alteration... mishandling misuse, neglect or accident".

Many companies are making look alike accessories and in some cases, promoting that their product is equal to or better than the Audiovox product. Be careful. Some of these products may not be compatible to use with your Audiovox product and may damage the unit or cause it to malfunction. If service is required on your unit and it is determined that a non-Audiovox accessory has created the problem with your unit, the Warranty will not apply. In addition, if the unit has already suffered irreversible damage by reason of a non-compatible accessory, the Warranty will be voided. To protect your Warranty, use only compatible accessories which cannot damage or interfere with the functioning of your Audiovox product.



AUDIOVOX COMMUNICATIONS CORP.

555 Wireless Blvd., Hauppauge, New York 11788, 800-229-1235
16808 Marquardt Avenue, Cerritos, California 90703, 562-802-5100
Audiovox Communications Canada Co.

5155 Spectrum Way, Unit #5, Mississauga, Ontario
Canada L4W 5A1, 800-465-9672

12-MONTH LIMITED WARRANTY

Audiovox Communications Corp. (the Company) warrants to the original retail purchaser of this Audiovox handheld portable cellular telephone, that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first twelve (12) months period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).

The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for twelve (12) months from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable.

This Warranty does not apply to:

- (a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;
- (b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.
- (c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;
- (d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;
- (e) Defects in appearance, cosmetic, decorative or structural items such as framing and non-operative parts;
- (f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole.

To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g. dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the Company at the address shown below or to the place of purchase for repair or replacement processing.

12-MONTH LIMITED WARRANTY

In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 905-712-9299).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR AN SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

IN USA : AUDIOVOX COMMUNICATIONS CORP.

555 Wireless Blvd.
Hauppauge, NY 11788
(800) 229-1235

IN CANADA : AUDIOVOX COMMUNICATIONS CANADA CO.

5155 Spectrum Way, Unit #5
Mississauga, Ontario L4W 5A1
(800) 465-9672

